Claims

1. An apparatus of setting a dispersed energy supplying system of supplying a generated energy generated from a predetermined energy source by an energy generating means and an externally supplied external energy into a load, comprising:

an energy generation cost calculating means of calculating energy generation cost required to generate the generated energy by the energy generating means suitable for the load;

an external energy supply cost calculating means of calculating supply cost of the external energy suitable for the load;

an LCA data storage means of storing an environmental burden generated at whole or part of the steps of producing, operating and discarding the energy generating means as a first life cycle assessment (LCA) data and an environmental burden generated at whole or part of the steps of producing, operating and discarding facilities of supplying the external energy as a second LCA data; and

a setting means of setting the energy generating means and/or the external energy supplying system on the basis of at least one of the group consisting of the energy generation cost and first LCA data and the external energy supply cost and second LCA data.

2. The apparatus of setting a dispersed energy supplying

system according to Claim 1, wherein there further comprises a set content storage means of storing the contents of setting and said interface means or said setting means is capable of displaying the stored contents of setting.

3. The apparatus of setting a dispersed energy supplying system according to Claim 1, wherein said setting is to select which of the energy generating means or the external energy is used to supply energy into the load in the operation of the dispersed energy supplying system.

4. The apparatus of setting a dispersed energy supplying system according to Claim 1, wherein said setting is to select which one of a plurality of the energy generating means is used to supply energy into the load in the operation of the dispersed energy supplying system.

5. The apparatus of setting a dispersed energy supplying system according to Claim 1, wherein said setting is to select which one of a plurality of the external energies is supplied into the load in the operation of the dispersed energy supplying system.

6. The apparatus of setting a dispersed energy supplying system according to Claim 1, wherein said setting is to select the energy generating means or the external energy capable of supplying energy into the load in the construction of the distributed energy supplying system.

7. The apparatus of setting a dispersed energy supplying

system according to Claim 1, wherein said setting is to select the energy generating means capable of supplying energy into the load in the construction of the dispersed energy supplying system.

8. The apparatus of setting a dispersed energy supplying system according to Claim 1, wherein said setting is to select the external energy capable of supplying energy into the load in the construction of the dispersed energy supplying system.

9. The apparatus of setting a dispersed energy supplying system according to Claim 1, wherein said setting means performs at least one of the comparison of the energy generation cost and/or the external energy supply cost and the comparison of the first LCA data and/or the second LCA data, and then performs said setting, if one of two comparisons shows a difference falling within a predetermined range, on the basis of the results of the other, or, if the difference of the comparison exceeds the predetermined range, on the basis of the difference of the comparison.

10. The apparatus of setting a dispersed energy supplying system according to Claim 1, wherein said setting means performs at least one of the comparison of the energy generation cost and/or the external energy supply cost and the comparison of the first LCA data and/or the second LCA data, converts the other data which have not been subjected to comparison according to a predetermined coefficient based on

the comparison, performs the comparison of the data thus converted, and then performs said setting on the basis of the results of the comparison.

11. The apparatus of setting a dispersed energy supplying system according to Claim 1, wherein said setting means performs the comparison of the energy generation cost and/or the external energy supply cost with the first LCA data and/or the second LCA data upon reception of a weighted factor determined by the user.

12. The apparatus of setting a dispersed energy supplying system according to Claim 11, wherein the weighted factor can be the same for a plurality of LCA data or respectively different for whole or part of the plurality of LCA data.

13. The apparatus of setting a dispersed energy supplying system according to Claim 10 or 11, wherein said setting means determines the weighted factor on the basis of the comparison.

14. The apparatus of setting a dispersed energy supplying system according to Claim 1, which further comprises an LCA data calculating means of calculating the first LDA data and the second LCA data.

15. The apparatus of setting a dispersed energy supplying system according to Claim 13, wherein said external energy supply cost calculating means and said LCA data calculating means are provided in a server on a network.

16. The apparatus of setting a dispersed energy supplying system according to Claim 1, wherein said setting means is provided in a server on a network.

17. The apparatus of setting a dispersed energy supplying system according to Claim 1, further comprising an energy consumption measuring means of measuring the energy consumption of the load, wherein said energy generation cost calculating means comprises an energy source rate system storing means of storing the rate system of the predetermined energy source and an energy generation unit cost calculating means comprising a performance table containing data of the energy generating means concerning the capacity of generating energy per unit amount of the predetermined energy source which obtains an energy source unit rate from the energy source rate system storing means and calculates the unit cost per unit energy generation of the energy generating means by reference to the performance table, and said external energy supply cost calculating means comprises an external energy rate system storing means of storing the rate system of the external energy.

18. The apparatus of setting a dispersed energy supplying system according to Claim 1, wherein the energy generating means is a fuel cell.

19. The apparatus of setting a dispersed energy supplying system according to Claim 1, wherein the energy generating means is a CO_2 heat pump.

20. The apparatus of setting a dispersed energy supplying system according to Claim 1, wherein the external energy contains at least an electric power supplied by an electric power industry.

21. The apparatus of setting a dispersed energy supplying system according to Claim 1, wherein the external energy contains at least gas supplied by a gas industry.